

## **LISTING OF CLAIMS**

1 - 40. Canceled.

41. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta; and  
treated discrete areas on the paper web formed by applying a film-forming composition to the paper web, the treated discrete areas being separated by untreated areas, the treated discrete areas having a permeability of less than about 25 Coresta and a BMI of less than about  $5 \text{ cm}^{-1}$ , the treated areas reducing ignition proclivity of a smoking article incorporating the paper wrapper, the treated areas being spaced from each other at a distance of from about 10mm to about 30 mm.

42. (Previously Presented) A paper wrapper as defined in claim 41, wherein the treated discrete areas comprise a plurality of discrete circumferential bands.

43. (Previously Presented) A paper wrapper as defined in claim 42, wherein the bands have a width of greater than about 4 mm.

44. (Canceled)

45. (Canceled)

46. (Previously Presented) A paper wrapper as defined in claim 41, wherein the treated discrete areas comprise multiple layers of the film-forming composition.

47. (Previously Presented) A paper wrapper as defined in claim 46, wherein the treated discrete areas comprise at least three layers of the film-forming composition.

48. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises an alginate.

49. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises a polyvinyl acetate.

50. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises a polyvinyl alcohol.

51. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises a starch.

52. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises a cellulose derivative.

53. (Previously Presented) A paper wrapper as defined in claim 46, wherein the treated discrete areas comprise at least a first layer of the film-forming composition and a second layer of the film-forming composition, and wherein the first layer contains a greater amount of the film-forming composition than the second layer.

54. (Previously Presented) A paper wrapper as defined in claim 53, wherein the first layer contains the film-forming composition in an amount that is at least 1% by weight greater than the amount of the film-forming composition contained in the second layer.

55. (Previously Presented) A paper wrapper as defined in claim 41, wherein the paper web has a permeability of greater than about 80 Coresta.

56. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises an aqueous composition prior to being applied to the paper web.

57. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition comprises a non-aqueous composition prior to being applied to the paper web.

58. (Previously Presented) A paper wrapper as defined in claim 57, wherein the film-forming composition prior to being applied to the paper web contains an alcohol.

59. (Previously Presented) A paper wrapper as defined in claim 41, wherein the paper web has a basis weight of from about 18 gsm to about 60 gsm.

60. (Previously Presented) A paper wrapper as defined in claim 41, further comprising a burn control additive applied to the paper web.

61. (Previously Presented) A paper wrapper as defined in claim 60, wherein the burn control additive comprises an alkali metal salt.

62. (Previously Presented) A paper wrapper as defined in claim 61, wherein the alkali metal salt comprises a citrate.

63. (Previously Presented) A paper wrapper as defined in claim 41, wherein the film-forming composition contains a particulate inorganic filler.

64. (Previously Presented) A paper wrapper as defined in claim 63, wherein the particulate inorganic filler comprises a non-reactive filler.

65. (Previously Presented) A paper wrapper as defined in claim 64, wherein the particulate inorganic filler comprises a metal oxide.

66. (Canceled)
67. (Canceled)
68. (Canceled)
69. (Previously Presented) A paper wrapper as defined in claim 41, wherein the treated areas have a BMI of from about 1 to about  $3\text{cm}^{-1}$ .
70. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta, the paper web containing cellulosic fibers and a filler, the paper web having a basis weight of from about 18 gsm to about 60 gsm; and  
treated discrete areas on the paper web formed by applying a film-forming composition to the paper web, the treated discrete areas being separated by untreated areas, the treated discrete areas comprising circumferential bands having a width of greater than about 4 mm, the treated discrete areas having a permeability of less than about 25 Coresta and a BMI of less than about  $5\text{cm}^{-1}$ , the treated areas reducing the ignition proclivity of a smoking article incorporating the paper wrapper such that the smoking article self-extinguishes when lit and placed on filter paper.
71. (Previously Presented) A paper wrapper as defined in claim 70, wherein the film-forming composition comprises a polyvinyl acetate.
72. (Previously Presented) A paper wrapper as defined in claim 71, wherein the film-forming composition further comprises a particulate inorganic filler comprising a metal oxide.
73. (Previously Presented) A paper wrapper as defined in claim 70, wherein the film-forming composition comprises a non-aqueous composition, the composition containing an alcohol.
74. (Previously Presented) A paper wrapper as defined in claim 73, wherein the film-forming composition further comprises a particulate inorganic filler comprising a metal oxide.
75. (Previously Presented) A paper wrapper as defined in claim 70, wherein the film-forming composition comprises ethyl cellulose.
76. (Previously Presented) A paper wrapper as defined in claim 70, wherein the paper web has a permeability of greater than about 80 Coresta.

77. (Previously Presented) A paper wrapper as defined in claim 72, wherein the paper web has a permeability of greater than about 80 Coresta.

78. (Previously Presented) A paper wrapper as defined in claim 74, wherein the paper web has a permeability of greater than about 80 Coresta.

79. (Previously Presented) A paper wrapper as defined in claim 72, wherein the treated discrete areas comprise multiple layers of the film-forming composition.

80. (Previously Presented) A paper wrapper as defined in claim 74, wherein the treated discrete areas comprise multiple layers of the film-forming composition.

81. (Previously Presented) A paper wrapper as defined in claim 72, wherein the treated areas have a BMI of from about 1 to about  $3 \text{ cm}^{-1}$ .

82. (Previously Presented) A paper wrapper as defined in claim 74, wherein the treated areas have a BMI of from about 1 to about  $3 \text{ cm}^{-1}$ .

83. (Previously Presented) A smoking article comprising:  
a column comprising tobacco; and  
a paper wrapper surrounding the column, the paper wrapper comprising a paper web having a permeability of greater than about 60 Coresta, the paper web including treated discrete areas formed by applying a film-forming composition to the paper web, the treated discrete areas being separated by untreated areas, the treated discrete areas having a BMI of less than about  $5 \text{ cm}^{-1}$ , the treated areas reducing the ignition proclivity of the smoking article, the treated areas being spaced from each other at a distance of from about 10 mm to about 30 mm.

84. (Previously Presented) A smoking article as defined in claim 83, wherein the treated discrete areas comprise a plurality of discrete circumferential bands.

85. (Previously Presented) A smoking article as defined in claim 84, wherein the bands have a width of greater than about 4 mm.

86. (Canceled)

87. (Canceled)

88. (Previously Presented) A smoking article as defined in claim 83, wherein the treated discrete areas comprise multiple layers of the film-forming composition.

89. (Previously Presented) A smoking article as defined in claim 88, wherein the treated discrete areas comprise at least three layers of the film-forming composition.

90. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises an alginate.

91. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises a polyvinyl acetate.

92. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises a polyvinyl alcohol.

93. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises a starch.

94. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises a cellulose derivative.

95. (Previously Presented) A smoking article as defined in claim 83, wherein the treated discrete areas have a permeability of less than about 25 Coresta.

96. (Previously Presented) A smoking article as defined in claim 88, wherein the treated discrete areas comprise at least a first layer of the film-forming composition and a second layer of the film-forming composition, and wherein the first layer contains a greater amount of the film-forming composition than the second layer.

97. (Previously Presented) A smoking article as defined in claim 96, wherein the first layer contains the film-forming composition in an amount that is at least 1% by weight greater than the amount of the film-forming composition contained in the second layer.

98. (Previously Presented) A smoking article as defined in claim 83, wherein the paper web has a permeability of greater than about 80 Coresta.

99. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises an aqueous composition prior to being applied to the paper web.

100. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition comprises a non-aqueous composition prior to being applied to the paper web.

101. (Previously Presented) A smoking article as defined in claim 100, wherein the film-forming composition prior to being applied to the paper web contains an alcohol.

102. (Previously Presented) A smoking article as defined in claim 83, wherein the paper web has a basis weight of from about 18 gsm to about 60 gsm.

103. (Previously Presented) A smoking article as defined in claim 83, further comprising a burn control additive applied to the paper web.

104. (Previously Presented) A smoking article as defined in claim 103, wherein the burn control additive comprises an alkali metal salt.

105. (Previously Presented) A smoking article as defined in claim 104, wherein the alkali metal salt comprises a citrate.

106. (Previously Presented) A smoking article as defined in claim 83, wherein the film-forming composition contains a particulate inorganic filler.

107. (Previously Presented) A smoking article as defined in claim 106, wherein the particulate inorganic filler comprises a non-reactive filler.

108. (Previously Presented) A smoking article as defined in claim 107, wherein the particulate inorganic filler comprises a metal oxide.

109. (Canceled)

110. (Previously Presented) A smoking article as defined in claim 83, wherein the treated discrete areas cause a smoking article incorporating the paper wrapper to self-extinguish when lit and placed on filter paper.

111. (Canceled)

112. (Previously Presented) A smoking article as defined in claim 83, wherein the treated areas have a BMI of from about 1 to about 3 cm<sup>-1</sup>.

113. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta, the paper web having a basis weight of from about 18 gsm to about 60 gsm and containing a filler; and

treated discrete areas on the paper web formed by applying a film-forming composition to the paper web, the treated discrete areas being separated by untreated areas, the treated discrete areas comprising a plurality of circumferential bands when the paper wrapper is wrapped around a smokeable filler, the circumferential bands having a width of at least 3 mm and being spaced from each other a distance of from about 10 mm to about 30 mm, the treated discrete areas having a permeability of less than about 25 Coresta and a BMI of less than about 3 cm<sup>-1</sup>, the film-forming composition comprising

polyvinyl acetate and a metal oxide filler, the treated areas reducing ignition proclivity of a smoking article incorporating the paper wrapper.

114. (Previously Presented) A paper wrapper as defined in claim 42, wherein the wrapper includes up to three circumferential bands.

115. (Previously Presented) A paper wrapper as defined in claim 42, wherein the treated areas reduce the ignition proclivity of a smoking article incorporating the paper wrapper sufficient for the smoking article to self-extinguish when lit and placed on filter paper.

116. (Previously Presented) A paper wrapper as defined in claim 70, wherein the wrapper includes up to three circumferential bands.

117. (Canceled)

118. (Previously Presented) A smoking article as defined in claim 84, wherein the paper wrapper includes up to three circumferential bands.

119. (Previously Presented) A paper wrapper as defined in claim 113, wherein the treated areas reduce the ignition proclivity of a smoking article incorporating the paper wrapper sufficient for the smoking article to self-extinguish when lit and placed on filter paper.

120. (Previously Presented) A paper wrapper as defined in claim 113, wherein the paper wrapper includes up to three circumferential bands.

121. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta; and  
at least one treated discrete area on the paper web formed by applying a film-forming composition to the paper web, the treated discrete area being positioned adjacent to untreated areas, the at least one treated discrete area having a permeability of less than about 25 Coresta and a BMI of less than about  $5 \text{ cm}^{-1}$ , the at least one treated area reducing ignition proclivity of a smoking article incorporating the paper wrapper, at least one of the untreated areas on the paper web having a width of from about 10 mm to about 30 mm.

122. (Previously Presented) A paper wrapper as defined in claim 121, wherein the at least one treated discrete area comprises a discrete circumferential band.

123. (Previously Presented) A paper wrapper as defined in claim 122, wherein the paper wrapper includes up to three bands.

124. (Previously Presented) A paper wrapper as defined in claim 123, wherein the bands have a width of greater than about 4 mm.

125. (Canceled)

126. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta, the paper web comprising cellulosic fibers and a filler, the filler being present in the paper web in an amount from about 10% to about 40% by weight, the paper web having a basis weight of from about 15 gsm to about 40 gsm; and

treated discrete areas on the paper web comprising a film-forming composition, the treated discrete areas comprising a plurality of discrete circumferential bands, the bands being spaced from each other from 10 mm to about 30 mm, the treated discrete areas having a permeability of less than about 25 Coresta.

127. (Previously Presented) A paper wrapper as defined in claim 126, wherein the film-forming composition comprises an alginate, a starch, or a cellulose derivative.

128. (Previously Presented) A paper wrapper as defined in claim 126, further comprising a burn control additive applied to the paper web.

129. (Previously Presented) A paper wrapper as defined in claim 128, wherein the burn control additive comprises an alkali metal salt.

130. (Previously Presented) A paper wrapper as defined in claim 129, wherein the alkali metal salt comprises a citrate.

131. (Previously Presented) A paper wrapper as defined in claim 126, wherein the discrete circumferential bands have a width greater than about 4 mm.

132. (Previously Presented) A smoking article comprising:  
a column comprising tobacco; and  
the paper wrapper as defined in claim 126 surrounding the column.

133. (Previously Presented) A paper wrapper for a smoking article comprising:  
a paper web having a permeability of greater than about 60 Coresta, the paper web comprising cellulosic fibers and a filler, the filler being present in the paper web



in an amount from about 10% to about 40% by weight, the paper web having a basis weight of from about 15 gsm to about 40 gsm; and

printed discrete areas on the paper web formed by printing a film-forming composition on the paper web, the printed discrete areas comprising a plurality of discrete circumferential bands, the bands being spaced from each other from about 10 mm to about 30 mm, the printed discrete areas having a permeability of less than about 25 Coresta.

134. (Previously Presented) A paper wrapper as defined in claim 133, wherein the film-forming composition comprises an alginate, a starch, or a cellulose derivative.

135. (Previously Presented) A paper wrapper as defined in claim 133, further comprising a burn control additive applied to the paper web.

136. (Previously Presented) A paper wrapper as defined in claim 135, wherein the burn control additive comprises an alkali metal salt.

137. (Previously Presented) A paper wrapper as defined in claim 136, wherein the alkali metal salt comprises a citrate.

138. (Previously Presented) A paper wrapper as defined in claim 133, wherein the discrete circumferential bands have a width greater than about 4 mm.

139. (Previously Presented) A smoking article comprising:

a column comprising tobacco; and

the paper wrapper as defined in claim 133 surrounding the column.

140. (New) A paper wrapper for a smoking article comprising:

a paper web having a permeability of greater than about 60 Coresta, the paper web comprising cellulosic fibers and a filler, the filler being present in the paper web in an amount from about 10% to about 40% by weight, the paper web having a basis weight of from about 15 gsm to about 40 gsm; and

treated discrete areas on the paper web comprising a plurality of discrete circumferential bands, the bands being spaced from each other from 10 mm to about 30 mm, the treated discrete areas having a permeability of less than about 25 Coresta, the treated discrete areas being made from a composition comprising a starch.

141. (New) A paper wrapper as defined in claim 140, wherein the composition further comprises a filler.

142. (New) A paper wrapper as defined in claim 141, wherein the filler comprises calcium carbonate.

143. (New) A paper wrapper as defined in claim 141, wherein the filler comprises a metal oxide.

144. (New) A paper wrapper as defined in claim 140, further comprising a burn control additive applied to the paper web.

145. (New) A paper wrapper as defined in claim 144, wherein the burn control additive comprises an alkali metal salt.

146. (New) A paper wrapper as defined in claim 144, wherein the alkali metal salt comprises a citrate.

147. (New) A paper wrapper as defined in claim 140, wherein the discrete circumferential bands have a width greater than about 4 mm.

148. (New) A smoking article comprising:  
a column comprising tobacco; and  
the paper wrapper as defined in claim 140 surrounding the column.

149. (New) A smoking article comprising:  
a column comprising tobacco; and  
the paper wrapper as defined in claim 141 surrounding the column.

150. (New) A smoking article comprising:  
a column comprising tobacco; and  
the paper wrapper as defined in claim 142 surrounding the column.